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Substitute for form 1449B/PTO Complete if Known **Application Number** INFORMATION DISCLOSURE 09/942,023 STATEMENT BY APPLICANT 08/30/2001 Filing Date Toshiaki SASAMORI et al. First Named Inventor Date Submitted: May 15, 2003 2182 **Group Art Unit** (use as many sheets as necessary) **Examiner Name** Unassigned **Attorney Docket Number** 084234-0104 of 1 Sheet

				U.S. PATENT DOCUMENTS	8	•		
	Cite No.1		Cito	U.S. Patent	Document	No. of Detector or Applicant of	Date of Publication of	Pages, Columns, Lines, Where Relevant
Examiner Initials*		Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear		
(NX	A1	6,111,888		Green et al.	08-29-2000			
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aq	A2	HONG, S.H. et al., "Bandwith allocation scheme in CAN protocol", IEE PROCEEDINGS D. CONTROL THEORY & APPLICATIONS, INSTITUTION OF ELECTRICAL ENGINERS. STEVENAGE, GB, vol. 147, no. 1, 25 January 2000, pp. 37-44						

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	INFORMAT	ION DISCLO	SURE	Application Number	09/942,023	Aug	. 3
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				First Named Inventor	Toshiaki SASAMO	RE	3/
	Date Submitted:		Group Art Unit	2663	13		
(use as many sheets as necessary)		cessary)	Examiner Name	Chau T. Nguyen	RADE	MARK	
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				U.S. PATENT DOCUMENTS	<b>}</b>	
Examiner Initials*		U.S. Patent D	ocument	Name of Patentee or Applicant of Cited Document	Date of Publication of	Pages, Columns, Lines, Where Relevant
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		NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	"" I I'M MANK MANAZINE INJIMAL SENAL SYMBOSIUM, CALAIOU, CLC.) CALC. PAGCLO, TOIGING 10000 T				
NO CI		J.D. DECOTIGNIE et al., "Producer-Distributor-Consumer Model on Controller Area Network", Proceedings of the IFAC/IFIC Workshop, Real Time Programming, pp. 35-42, November 6, 1995.			
	C2	S. Hong et al., "Bandwidth Allocation Scheme in CAN Protocol", IEE Proceedings D. Control Theory & Applications, Institution of Electrical Engineers, Stevenage, GB, Vol. 147, No. 1, pp. 37-44, January 25, 2000			
	C3	S. Cavalieri et al., "Jitter-Based Policies to Improve Asynchronous Bandwidth Explotation in Fieldbus Communication Systems", Industrial Electronics, Control and Instrumentation, Proceedings of the 1996 IEEE and IECON 22 <sup>nd</sup> International Conference on Taipel, Tawian, pp. 916-921, August 5, 1996			
	C4	S. Cavalieri et al., "CAN Assessment in Time-Critical Cyclic Application Through Petri Net Model", Industrial Electronics, Control and Instrumentation, Proceedings of the 1996 IEEE and IECON 22 <sup>nd</sup> International Conference on Taipei, Tawian, pp. 922-927, August 5, 1996			
\/	C5	S. Cavalieri et al., "Exploiting FDDI communication features to connect Fieldbuses in Process Control Environment", Local Computer Networks, 1994, 19 <sup>th</sup> Conference on Minneapolis, MN, USA, IEEE Computer Soc. pp. 59-66. October 2, 1994			
al	C6	S. Cavalieri et al., "Enhancing Performance in Fieldbus Communication Systems"; Emerging Technologies and Factory Automation, 1996. IEEE Conference on Kauai, HI, USA, pp. 609-615, November 18, 1996			
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	Date Submitte	o: January	14, 2004	Group Art Unit	2663	2 1 2			
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				U.S. PATENT DOCUMENTS	3	
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		Number	Kind Code <sup>2</sup> (if known)		Cited Document. MM-DD-YYYY	Passages or Relevant Figures Appear
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Examiner Initials*	Cite No.1	Offic	Foreign Patent De Number F	Ocument Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т <sup>6</sup>
al	B2	JP	9-247192		MITSUBISHI ELECTRIC CORP.	09-19-1997		Α
al	B3	JP	02-014640		FIRST PACIFIC COMMUN. CORP.	01-18-1990		Α
a	B4	JP	61-108287		,			

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